Clean Copy of All Pending Claims

1. (Twice Amended) A method of creating a graphical human-machine interface, comprising the steps of:

(a) providing a computer using a first operating system;

(b) providing a handheld portable computing device in communication with the computer, the handheld portable computing device using a second operating system that is less capable than the first operating system;

(c) generating on the computer a software object that provides a graphical human-machine interface when operating on the handheld portable computing device, the interface being adapted to control at least one parameter of a process; and

(d) transferring the software object from the computer to the handheld portable computing device.

2. (Twice Amended) The method of claim 1 further comprising, after step (c), the step of simulating on the computer the operation of the software object on the handheld portable computing device.

3. (Twice Amended) The method of claim 1 further comprising the steps of:

(a) operating the software object to provide the graphical human-machine interface on the handheld portable computing device; and

(b) transmitting information between the computer and the handheld portable computing device.

4. (Canceled).

5. (Twice Amended) The method of claim 1 wherein step (c) comprises generating on the computer the software object which is processor-independent; and wherein step (c) further comprises providing a run-time engine specific to a selected processor present on the handheld portable computing device.

6. The method of claim 1 wherein the second operating system is Windows CE.

7. (Canceled).

8. (Twice Amended) A computer program recorded on a machine-readable medium, comprising:

(a) a module that operates on a computer to allow a user of the computer to generate a software object that provides a graphical human-machine interface when operating on a handheld portable computing device, the interface being adapted to control at least one parameter of a process, the computer using a first operating system and the handheld portable computing device using a second operating system having less capability than the first operating system;

(b) a module that operates on the computer to simulate the operation of the software object on the handheld portable computing device; and

(c) a module that operates on the computer to transfer the software object from the computer to the handheld portable computing device.

9. (Amended) The computer program of claim 8, further comprising:
a module that operates on the computer to transfer, between the computer and the handheld portable computing device, information related to the operation of the human-machine interface.

10. (Canceled).

11. (Amended) The computer program of claim 8 wherein the software object comprises a processor-independent graphical human-machine interface object and a run-time engine specific to a selected processor.

12. The computer program of claim 8 wherein the second operating system is Windows CE.

13. (Canceled).

14. (Twice Amended) A method of controlling a process, comprising the steps of:

(a) providing a computer using a first operating system;

(b) providing a handheld portable computing device in communication with the computer, the handheld portable computing device using a second operating system that is less capable than the first operating system;

(c) providing a software object that provides a graphical human-machine interface when operating on the handheld portable computing device, the software object generated on the computer;

(d) operating the software object on the handheld portable computing device to provide the graphical human-machine interface on the handheld portable computing device; and

(e) exchanging information between the computer and the handheld portable computing device, so as to control at least one parameter of a process.

15. (Twice Amended) The method of claim 14 wherein step (d) comprises operating the software object on the handheld portable computing device to display both graphical information and alphanumeric information.

16. The method of claim 14 wherein the second operating system is Windows CE.

17. (Canceled).